□□ ! ! ! ! 50

a. Bazilik Á 3 Á Ò Î ą Ã ą 51
b. 0 È É Ì Ï Ë Ó Å Î Õ Ó 3 Á Ò Î ą Ã ą 52
c. 0 Á Î Ô Ï Ë Ò Á Ô Ï Ò 3 Á Ò Î ą Ã ą 54
d. Theodosius 3 Á Ò Î ą Ã ą 56

.... 58

! ! ! ....d....d.. 60

' ....d....d.. 61

! ! ....!.. 66

d ! d d

d

□□□□□□□ d

.ƛNJ ǘl·NJl·ŦƤƭƛœ ōƛNJ ǘl·NJl·ŦƤ ƛăŜ al·NJYl·NJl· 5ŜȳƛÎƛ ƛƭŜ ăƤȳƤNJƭl·ȳl·ȳ ǸœƎŜȳ ōƛœƛ èl·NJƤYl·Řl·Řl·ȳ ƻƭdzŏl·ȳ ǘl·NJƛKƛ Tăǘl·ȳōdzƭΩdzȳ l·ăƤ Îl·Yl·ȳƭl· œƻ˩ ōǸèǸ˩ ŘŜƐƛŏƛ˩ƭƛ˩ƭŜNJ dzƐNJl·YƤŏǘƤNJΦ ½l·Yl·ȳ ƛœŜNJƛăƛȳŘŜ Ŧl·NJ˩ƭƤ Ǝl·NJǸȳǸYƭŜNJ l·ƭl·ȳ ˩ƤèƤ ŏŜNJƛǘƭŜNJƛȳƛȳ èl·ȳƤȳŘl· èl·ȳƎƤȳƭl·Σ ŘŜǈNJŜYƭŜNJ ǾŜ ǘl·ōƛƛ l·ŦŜǘƭŜNJ ǘƻǈNJl·˩ ǘl·ōl·˩l·ăƤȳƤȳ œƻ˩ ˩l·ƭƤȳƭl·ŏYl·ăƤȳl· 5ƻƭl·èăƤèƭl· Ŝă˩ƛ ŘŜǾƛNJƭŜNJƛȳ ˩l·ƭƤȳǘƤƭl·NJƤ Ƙl·èƭƛ ŘŜNJƛȳ ōƛNJ ǘƻǈNJl·˩ .l·ǘǸNJǸȳǸȳ l·ƭǘƤȳl· (Eyice, 2006, 13)

1Y Tăǘl·ȳōdzƭΩdzȳ нлмм l·ŏŦǈăƛ ŘǸȳŜè ˩ƤèƤ2Y Tăǘl·ȳōdzƭΩdzȳ нлмо ăƻȳNJl·ăƤ ƎǸȳŜè ˩ƤèƤ ŏŜ

Tăǘl·ȳōdzƭΩdz èl·ƭȳƤÎŎl· Ŝŏăƛ Σǘl·ŔŜƘƛ l·ŘŜƐƤ Řl· èl·NJl·ǘYƤŏǘƤNJΦ Tăǘl·ȳōdzƭΣ ŘŜȳƛÎƛȳ èl·NJl·ǘǘƤƐƤ ǾŜ èl·ŏl·Y ǾŜNJŘƛƐƛ ōƛNJ ˩ŜȳǘǘƛNJΦ YŜȳǘΣ ǘl·NJƛKƛ ōƻèdzȳŎl· ōǸǘǸȳ ŘǸȳŜ Ƥŏǘ ƤNJΦ .dzăŜŎl·Y Ŝ ȳ ǘ ƛ ȳ ˩dzNJdzƭ Ř dz Ɛ dz l· ƭ l· ȳ l· Ǝ Ŝ ƭ ƛ ȳ Ŏ Ŝ Σ Ǹ Î ŜNJŜ Ř ƻ Ɛ l· ǘ l· NJ l· Ŧ Ƥ ȳ Ř Ƙl·ȳ ŘŜƐƛǘΦ (Kuban, 2010, 5) Tăǘl·ȳōdzƭΩƤ ŏȳ èl·˩Ƥȳ ƛƭŘŜƛ ƛƭdzƻ 5ŜǾƛNJ èŜNJƭŜŏƛY èŜNJƛ YǸœǸ˩œŜ˩YŜŎŜ DlƭǸȳǸȳ ˩dzÎŜèƛȳŘŜ ōdzƭdzȳl·ȳ Ȩl·NJl·ǘƤăƤNJƎΦÎ al· (Eyice, 2006, 17) ¸l·NJƤYōdzNJƎl·Î al·Ɛl·NJl·ăƤȳŘl· ōdzƭdzȳl·ȳ hNJǘl· tl·ƭŜƻƭƛǘƛ˩ 4l·Ɛl· l·ƛǘ ōdzƭdzȳǘdzƭ èlNJŜŘŜ ōl·ƭƤ˩œƤƭƤ˩ ǾŜ l·ǾŎƤƭƤ˩ƭl· ƎŜœƛȳŜȳ ƛȳăl·ȳ ƎNJdzǈƭl·NJƤȳƤȳ Ǿl·NJƭƤƐƤȳl· ƛŏl·NJŜǘ ŜŘŜNJ w2Yl· TYǈŜNJl·ǘƻNJƭdzƐl·ȳŜYƛȳŜ ˩l·Řl·NJ ˩dzƭƭl·ȳƤƭŘƤƐƤ (Kuban, 2010, 9)

C2ǘƻƎNJl·Ŧ мY ¸l·NJƤYōdzNJƎl·Î al·Ɛl·NJl·ăƤ ƎƛNJƛŏ ˩ƤăYƤȳŘl·ȳ ōƛNJ ƎlNJǸȳǸYΦ

[illegible]

[illegible] (Eyice, 2006, 19) [illegible] (Erzen, 1954, 133) [illegible] (Kuban, 2010, 9)

[illegible]

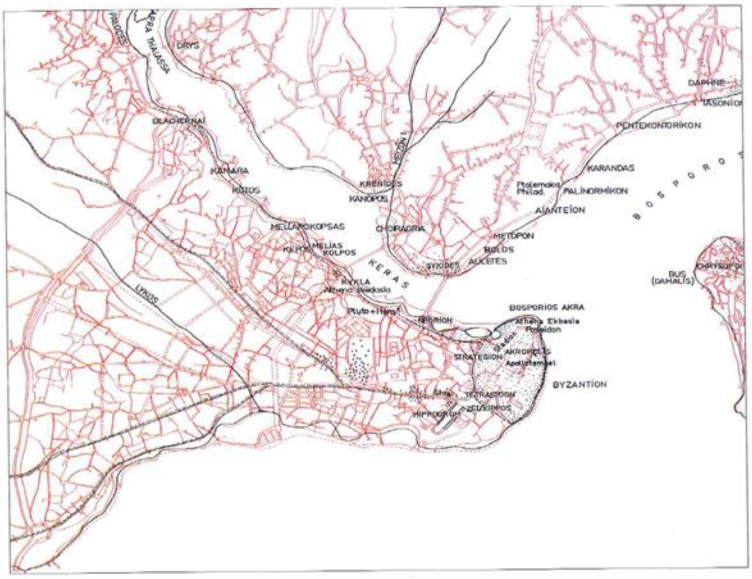
[illegible] (Kuban, 1996, 258-259)

[illegible]

[illegible] (Erce, 2006, 21)

wŜ]ƨƴãǘǋ]ãλèƨƴ м Y .èÎl·yǘλƨƴ ǒŜKŘyƨƴ ǎƤǭλǋ ∃lǋǸyǸYǸΦ

5ƨǋ]l]Ŝƴfλ aŜ∃l·ǋl·ΩŘl·y ∃Ŝfŝƴ]ƨfƨƴλǎǘfŜǋλƴ YKl·f]ŜŘƨƴΩǆ óYl·ŘƤ]lèú]ǆ ōλǋ]l·œ èƤf ǎƨyǋl·Σ aŜ∃l·ǋl· ǾŜ]ŜyǘŜ l·ŘƤyƤ ǾŜǋŜy ŘλƐŜǋ lŜffŜyl ŜŜKλǋfŜǋyŜƴ Kl·f]fl· fλŘŜǋ ΨΩlŜǋƨǎ 9ǈƨyèYƨǎΩΩ .èÎl·ǎΩƤy lyŘŜǋfλƐλyŘŜΣ 5ŜfǇKƨλ]l·èyl·]fƤ ōλǋ tƨyǘǆǎΩl· ∃λŘŜy lyŜYfλ ǎǆèƨfǆ ǸÎŜǋλyŘŜ]λ ōǆ∃Ǹy]Ǹ {l·ǋl·èōǆǋyǆΩyŘl· am ссл к с èŜyλ ōλǋ èŜǋfŜǒλY ōlf∃Ŝǎλ]ǆǋǋ (Weber, 2002, 16) ǎΣ YKl·f]ŜŘƨyΩǆy .èÎl·yǘλƨyΩŘl·y м т èƤf lyǑŜ]ǆǋǆfŘǆ (Herodotas, 3.140/IV) /ƨƐǋl·Ŧèl·ǑƤ {ǘǋl·ōƨy λǎŜ DŜƨ∃ǋl·ǇKλ]l· l·ŘfƤ]λǘl·ōƤyŘl· .èÎl·yǘλƨyΩǆy]ƨyǆYǆyŘl·y ōl·KǎŜŘŜǋ ǾŜ ǒlèfŜ ŘŜǋY tǋƨǇƨyǘλǎΩǘŜy 9ǆ]ǎŜyλƨǎΩl· ŘŜyλÎŜ ŘƨƐǋǆ l·œƤfƤǋǎl· ΣyǘλƨyfΩǘl·ǋ]ƨƤǒyŘl·]ƤǎƤfl·ǋ óōǆǋl·fl·ǋƤ ¢ǋl·]èl·fƤfl·ǋl· l·λǘǘλǋ ǾŜ ōǆǋl·èl· tƨyǘƨǎΩǆyf ǋΩǎƨfŘǆyŘl·fƤyŘƤǎƤY YKl·f]ŜŘƨyΩ]ƨYǒǆ]ƤǎƤYfl·ǋ](Strabon, 15/XII) ǘŜ èl·yŘl·y .èÎl·yǘλƨyfǆ 5λƨyλǎλƨǎΩl· ∃lǋŜ YŜǋl·ǎΩƤyfλeǘ ǎƨyǆyŘl· YKèŘl·ǋƨǎúóλfŜōŜèǋōèǎƨǎ óYl·ƐƤǘKl·yŜǘl·ŘŜÎŜfŜǋλyƤyŘl· ōλǋ ōl·ǒ]l· lŜèŜǋyŜǒYŜǎλ Ǿl·ŘƤΦ (Kuban, 2010, 13)



ĿĿ4 Y .èÎl·yǘλƨy]ŜyǘλyλyŜyŘŜ]λŘǾyǋƨfǆǒǆyl· Řl·λǋ ōλǋ œλÎλY

(Sobar, 2010: 13)

(Herodotos, 340/IV)

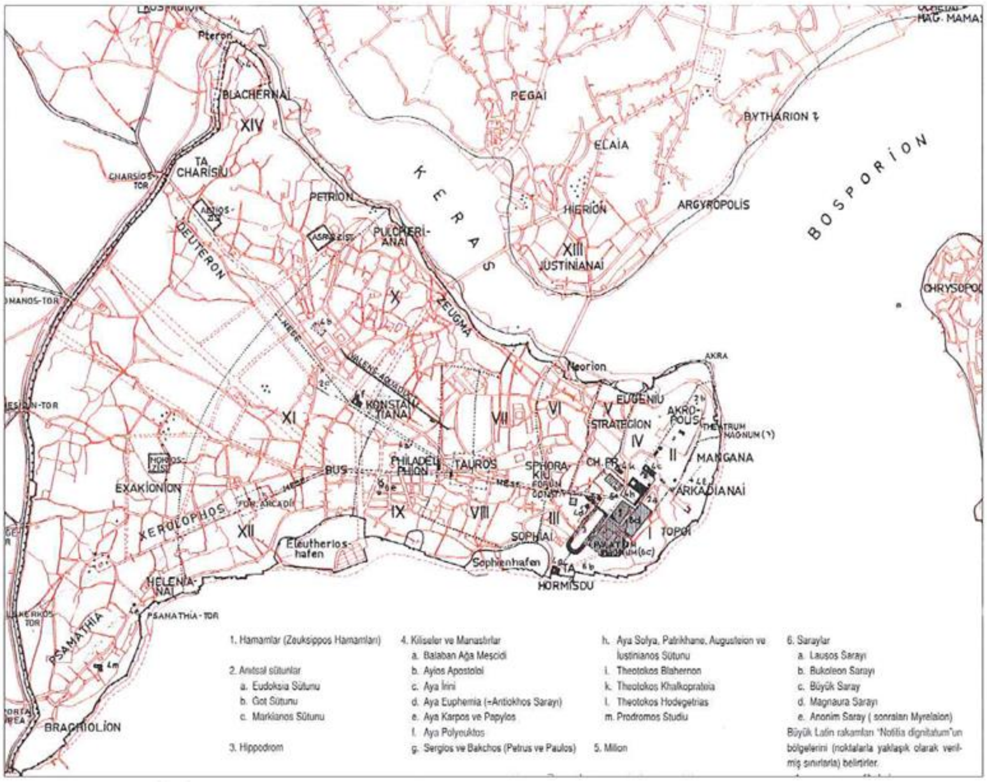
[illegible] (Sellin, 2008, 34) [illegible] (Kubany, 1994, 50)

[illegible] Wiener, 2002, 16) [illegible] (Kubany, 2010, 14) [illegible] (Wiener, 2002, 16) [illegible]

[illegible] (Kubany, 2010,15) [illegible] (Kubany, 1994, 50) [illegible] (Kubany, 2010,15) [illegible] (Wiener, 2002,18)

[illegible] (Wiener, 2002, 18) [illegible] (Kubany, 2010, 1417)

[illegible] (Eyice, 2006, 27) [illegible] (Kuban, 2010, 24)



[illegible]

[illegible] (Müller-Wiener, 2002, 19) [illegible] (Kuban, 2010, 25) [illegible] (Eyice, 2006, 28)

Golden Horn
Sea of Marmara
Bosphorus

[illegible]

[illegible]

[illegible]

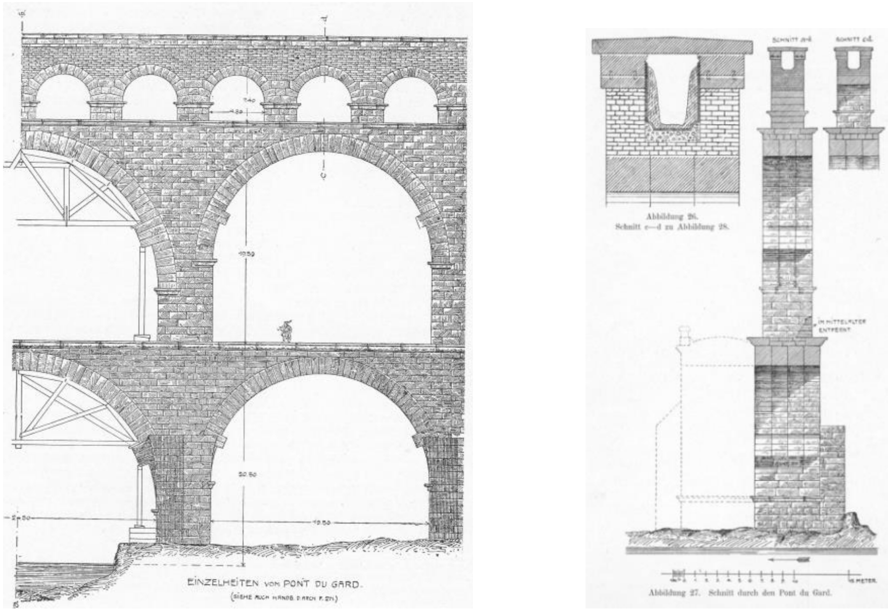
[illegible]

[illegible] (Elyce, 2006, 28) [illegible] (Wiener, 2002, 20) [illegible] (Ikeban, 2010, 45) [illegible] (Wiener, 2002,20) [illegible] (Elyce, 2006,32) [illegible] (Wiener, 2002,22)

[illegible] (Wiener, 2002, 23) [illegible] (Wiener, 2002,24)

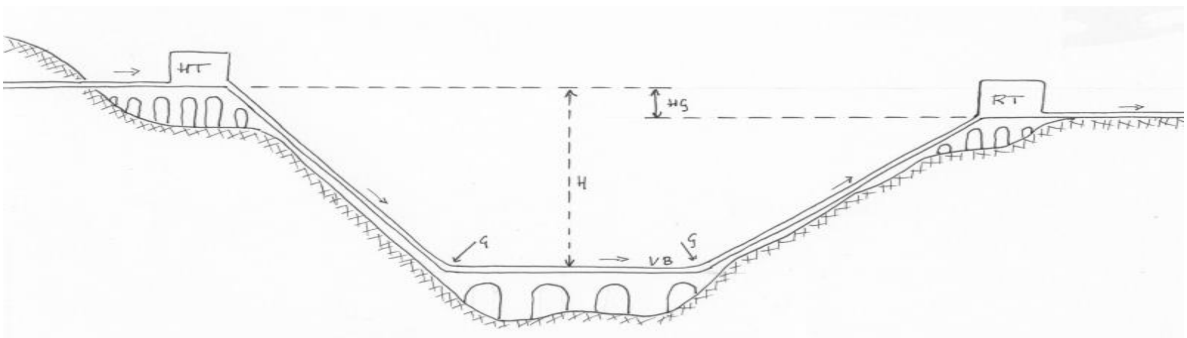
[illegible] (Ikeban, 2010) [illegible] (Wiener, 2002,19)

µÇPµv }o Œ l š P v]"o]l À Çºl• lo~]lŒ š{µŒ ŒŒ f o f Bilinen ilk R o ŒŒ Œo
•µl u Œ] •µŒo Œ š Œ-(õìì vŒD•P v òõ ò• µÌ Ç /Œ l–š E]v}À –
Ç ‰ f o u f ... Roma v o f l u
l u Œo Œ]v v v }l]o]v v] " ZŒ]v]]v~ l]v U}à, ñõôõ• (Adam, 1994, 53) v < u Œ]–]Œ



]Ì]uW ñ W}vš µ ' Œ ^µš u Çµ[v]]v Œ] À l •]š]X

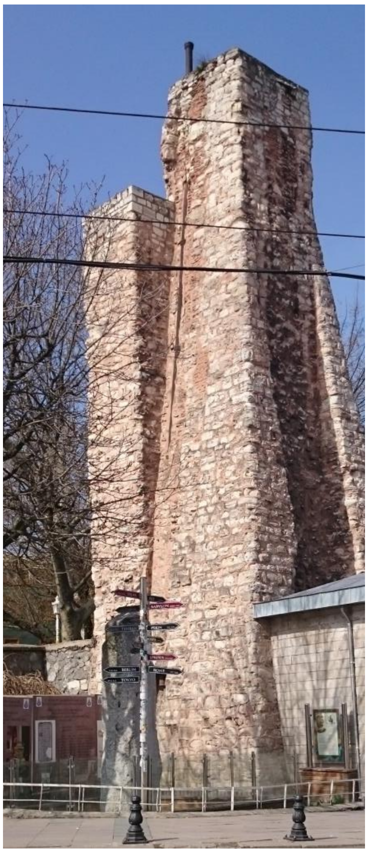
^µÇµv š "ìvu • vfP oo Œ] "u l] Ç v Şekerden biri de ters sifondur.
Z}u ofo ŒU l • • fo Œ v f v š l] Œ •µ l Çv Rf š u]v , su l }o µlo
l u Œo Œ]v]v Ç ‰ f u f v v]Œ V]š Œ]µÀµ]µ l•µ o]( ]v µo Œ X Œ]v]Œ
P u v]v µÇPµv Ç}o Œ]Œ] v Œ l š v f u l š (Adam, 1994, 246) Teknik olarak
‰Œ} o u } Ì u v]Ç]]o]v]Ç}Œ µX v l µvµvo]Œo]lš Çº
µÌu vo "u f"]Œ]" Pº ºv µÇµo v]Zš]Ç U l f u u •Œ (f À u
P Œ lo]o]R]Ç]X Z}u ofo Œ š]•š R] }o µŒo v Ç lš f Ç •µl u Œ]v]
Œ}š v ÇºŒºš lš] À Ç }l Çºl• l]Œ l u Œ]v" lo Œ
•‰ v }•U ^]vš • À >Ç}v[•](}v •µ l (Adam, 1994, 246) l µoo v f o u f "š f Œ X



]Ì]u: Liyon'daki •](}v o Œ f v u ‰Œ v•]]v] P,•š Œ v š •o lX

C. Su Terazileri

... sokaklarda ... (Kretzschmer, 2000, 89) ... (Adam, 1994, 255) ...

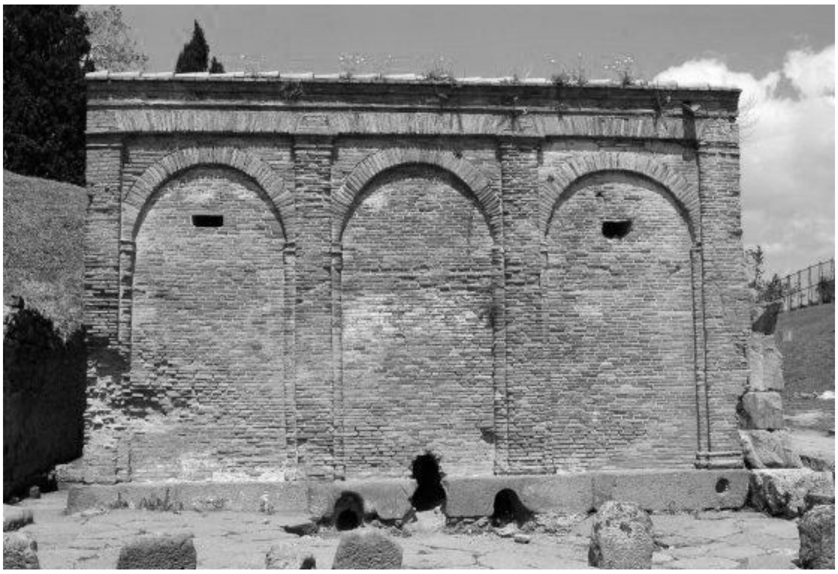


Fotograf 9-10-11 ... su terazileri.

2008, 131)

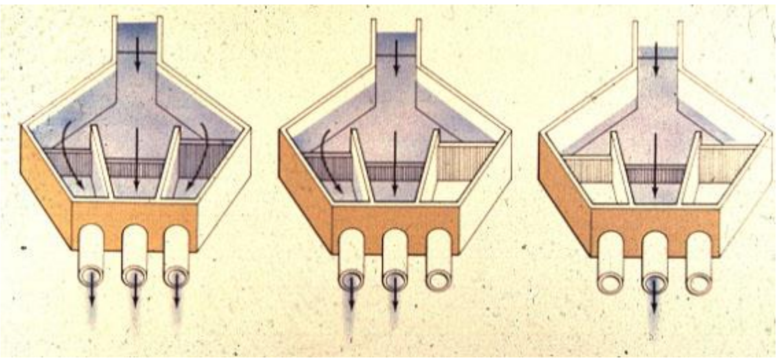
D. Maksemler

Kelime itibariyle ... 30) ... hazneleri, su taksim merkezidir. Yer ... 278) ... 1989, 196) ... 36 lt/dakika veya 5 ...



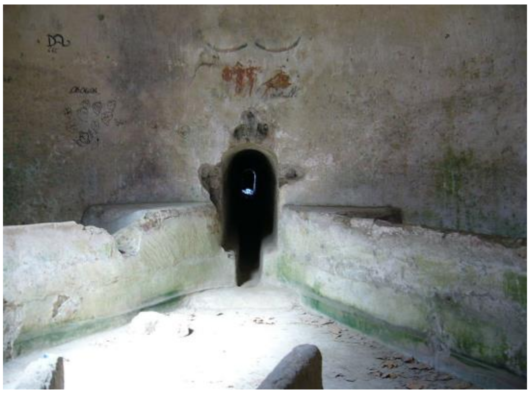
Fotograf 12: ... Castellum ...

Z}u of u]u Œ À s Vitruvius, Roma maksemlerinden Z• Œl v ",Ço ŒW
Suyun l vš µo "šfRf Ç Œ]Œ •µ ‰}•µ]v"]v]ÌV µv Rof
µoµvu (Vitruvius, 1990/VII) Z}u ,v u]v l vš •µÇµv Rfšfuf "µ " l]o
^µl u Œ]v]v •‰ µ•[µv v l vÌ P µŒ Œ v]v P ŒŒl f •š ooµu[~u
,lºoºŒX •š ooµu[µv Z Œ]l] š Œ (fv •µÇµv l}všŒ}oº À
Ç ‰fouf"šfŒX •š ooµu[µv]]v l] •µo Œ l vš• o Rfšfufv Ç ‰
îñ uU]Œ š ïì u l u]‰š (Adam, 1994, 251-252)



]Ì]uW ò •š ooµu ‹µ [•µÇµv • À]Ç o Œ P,Œ Rfšfufvf P,•š Œ

µ lµŒ"µv }Œ]o]v µŒ]•ŀ l uµ]"]]]v]X ^}l lo Œ Z olfv •µÇµ
"u o Œ] µ , R P]Œ ŒX 7l]v] v }Œµ ,š l] Œ •u] š •]•o Œ
š •]•o Œ š]Ç šŒ}U vÇu‰Z µu v]o v •º•oº "u o Œ]X mºvº
]indi. (Kretzschmer, 2000, 77) ' Œ }lo v "µ l]U µ v lfuo Œ u l• u "]šo]
Ç Œo "š]Œ]ou]"š]X PÌ o lµoo vfu]š }o vfv Ro všf•f v
"u o Œ]v]vl]]Œ Ì Z Œ]v µoµvµŒ µX "] v]všÀ Œ]o v •µÇ
Ro vuf"šfX ' v o •µ u]lš Œf Ì ofv u l• u l] •µ ºÌ Ç] o of
lµoo vf fo Œ •µ•µÌ l ofŒ fX ^}vŒ •fŒ Œ •u] š •]•o Œ Ç]X
kesilmezdi. (Kretzschmer, 2000, 77)



Fotograf 13-14: W}u‰]][l] •š ooµu ‹µ [o •µ Ç µwuº•]lÀ o •š ooµu ‹µ [v]v
•µo Œfv ,lºo ºRº •‰ µ•X

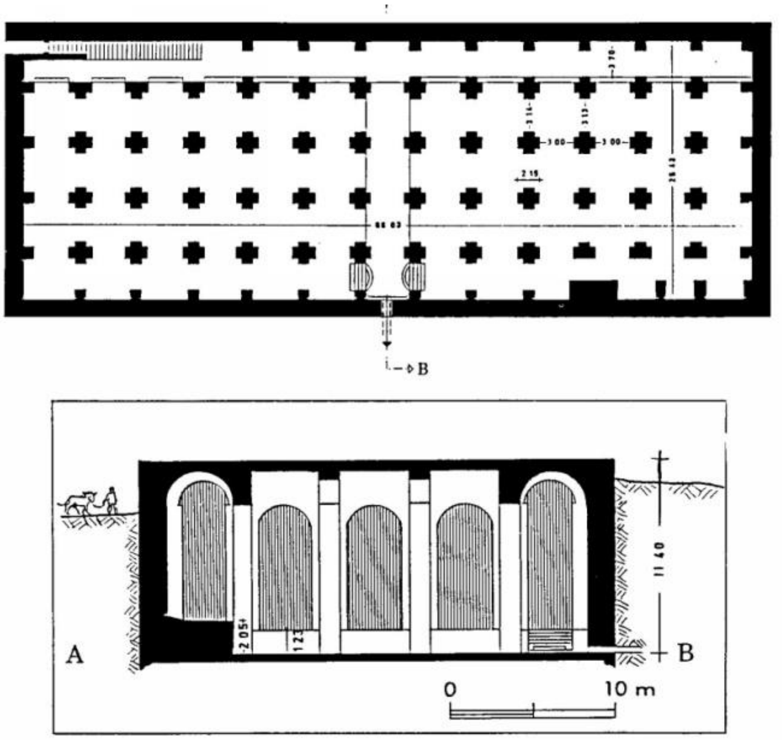
&}š}PŒ (íñW &Œ v• U E]u • ” ZŒ]v •µÇµv]Œ v }l u l v Rfšfufvf

E. ƒ ”•Ç-Žƒ ”

d Œ]Z]v v ŒŒfv vR]š] Œ v 7•š v µo–µv •µ]Zš]Ç f • Œv Z}u ,v u]v ” Z]Œ f”fv v Uendoplan toplanan suların, su kemerleri ve kanallar Ç Œ fufÇo] Œ]Ç P š]Œ]o Œ l • Œvf o Œf v }o µ] (Eyice, 1994a, 469) 7Œ µ]o uÀ•f ,vP lµŒ lofl µŒµuµv Rof }o Œ l ºÇºl • Œvf o Œ r. Bu ‰}o • Œvf o Œ P v oo]lo Ç RuµŒ •µo Œfvf] o Œ] (Adam, 1994, 249) < ‰ •o Œvf o Œ l v]o Œ]v l v oo Œ]À P}vŒv •]Z Ç µ š}‰Po, lµoo vfufvf • Ro Ç v Ç ‰fo Œ fŒX < ‰ of • Œvf o Œ P o v •µ Z •}vŒ Ç Œ]v] Ç RuµŒ À •µ – fŒfvµRf µŒ Œ vŒ o ŒfvfvR] u ”]šf Œ]X]‰ •µÇµ ,o u l À Ç Çš ‰ u]Ì]M] Ç ‰fouf” bulunur. (Anabolu, 2001, 24) ' v oo]lo • Œvf o Œ À]šÇ}o µšf v µo µv vµ• µ]Zš]Ç fvf l Œ”fofÇ (Eyice, 1994a, 469)

Fotograf 16-17: D]• vµu– l] ~ µPºvlº }o]• –WµP µvšµÐ]Œv]µ]• –U l ou À •]Œ • Œvf U š ”o Œo À u}o}Ì š ” lºÀ šo Œ]Ço lµŒµouµ”V < ‰ •]š •

]Ì v• • Œvf o Œf š}‰Œ l º•šºv R]o š}‰Œ l ošfv]v”
hem suyu iyi ve tehlikesiz muhafaza etmek hem de suyu P o]”]]]v Çºl• lo]l o šu
µvµv]]v oo Œ]v v P o]R]v Ì u]v] • Œš]Œ Ç Œ o]v
^ Œvf o Œfv f” µÀ Œo Œf]• š ” À šµRo v ,Œºoº ŒU v l
~ ŒšµRŒµo 445) õ ô õ Œ vf šµ R Œ]o ,” o] }oµ‰ µÀ Œo Œf •µ P]Œu
}o v ‰ u Œ vlš l ofv Z}Œ • ^ Œ v Œ f [ofv•]À Œ] fŒ,X o Œ]v]v
,vo u l]]v Ç Œfu ÇµÀ Œo l Ç ‰fou o Œf À Ç µendir.]u š lÀ
(Eyice, 1994, 470)



]Ì]u ñW W]•]]o]•[D]Œ‰o vf À µvÇvŒl o$$]• X Œvf f òò u µÌµvoµRµv U îñ X
P v]”o]R]v À ííXð u Çºl• lo]R]v]Œ X

[illegible]

Adam, 1994 — Jean-Pierre Adam, Roman Building Materials and Techniques, London-New York.

Anabolu, 2001 — [illegible] Arkeoloji ve Sanat [illegible]

[illegible], 1994 — [illegible] Ansiklopedisi, Cilt VII, [illegible]

[illegible], 1994 — [illegible] Ansiklopedisi, Cilt VII, [illegible] İstanbul.

[illegible], 1994 — [illegible] Ansiklopedisi, Cilt V, [illegible]

[illegible] — [illegible]

[illegible] — [illegible]

Eyice, 1994a — Semavi Eyice, [illegible] Ansiklopedisi, Cilt VI, [illegible]

Kretzschmer, 2000 — Frits Kretzschmer, [illegible]

[illegible] — [illegible] Ankara [illegible]

Vitruvius, 1990 — Vitruvius, The Ten Books On Architecture [illegible]

http://www.romanaqueducts.info/

https://ancientwatertechnologies.com/

http://pages.uoregon.edu/

III.

G

A. ƒ Ž • ƒ Ž Ç ï † ƒ • ‡ – ‹ ” ‹ Ž ‡ • G • ƒ Ž ‡ ƒ – – Ç

B. • – ” ƒ • … ƒ Ž ƒ ” ï † ƒ • ‡ – ‹ ” ‹ Ž ‡ • G • ƒ Ž ‡ ƒ –

C. ‡ Ž ‰ ” ƒ † ” • ƒ • Ž ƒ ” Ç ï • † ƒ • ‡ – ‹ ” ‹ Ž ‡ • G •

[illegible] (Ewiler, 2002, [illegible] 271) [illegible] Pekki, [illegible] (Vitruvius, 1990:VIII) [illegible]

[illegible] (Esmer, 1983, 19) [illegible] (Crow, 2008, 15) [illegible] (hd [illegible]) [illegible] Hadrian [illegible]

[illegible] 337, Valens (hd 364-378) ve I.Theodosius (hd 379-[illegible]) [illegible] (Ewiler, 2002, 271) [illegible] Prof. [illegible] Ar. [illegible]

kuzeyinde

itibaren

kemerler

1996,214)

A.

(117-138)

yoktur.

Hadrianus

ilk sukemerinin kanalla (Crow, 2008, 28)

(Mango, 1995, 9) Hadrianus

(Valens) Sukemeridir.

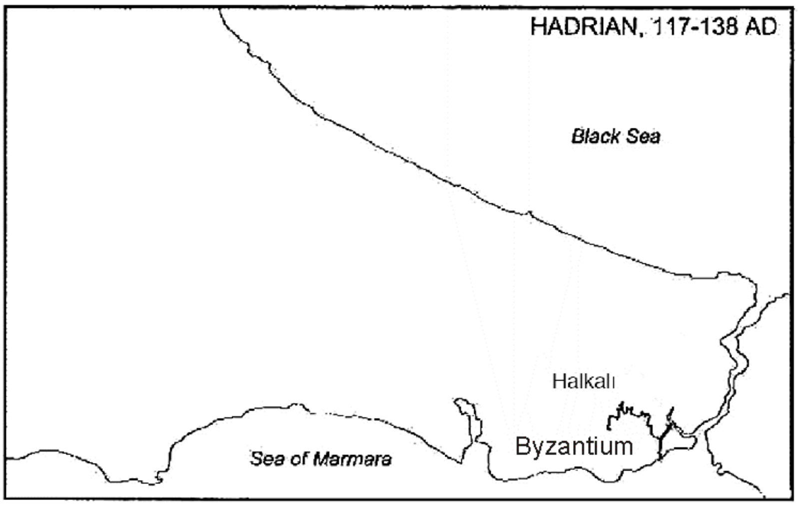
1996, 204)

muhtemelen Hadrianus

(Crow, 2008, 25)

yer alan Mazul Ku

Sukemeridir. (Esmer, 1983, 24)



Harita 6:

Fotograf 18:

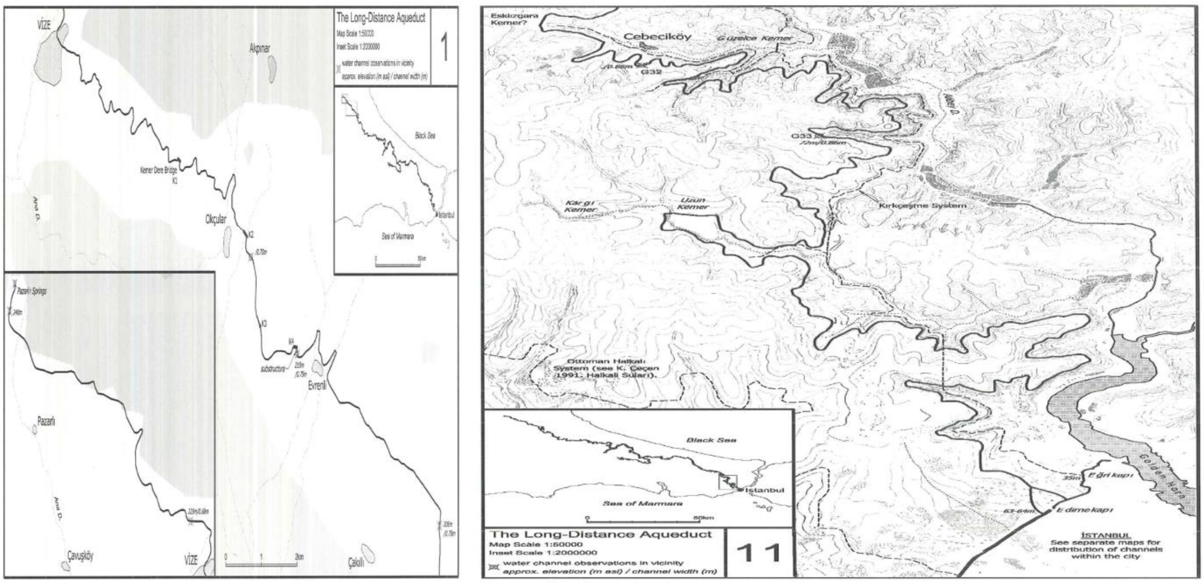
B. [illegible]

[illegible] (Snyder-Dilaver, 2014, 35) [illegible] Trakya [illegible] [illegible] (Crow, 2008, 25) [illegible]

[illegible] (Snyder 2013) [illegible] (Snyder-Dilaver, 2014, 35) [illegible]

[illegible] (Crow, 2008, 27) [illegible] (127) [illegible]

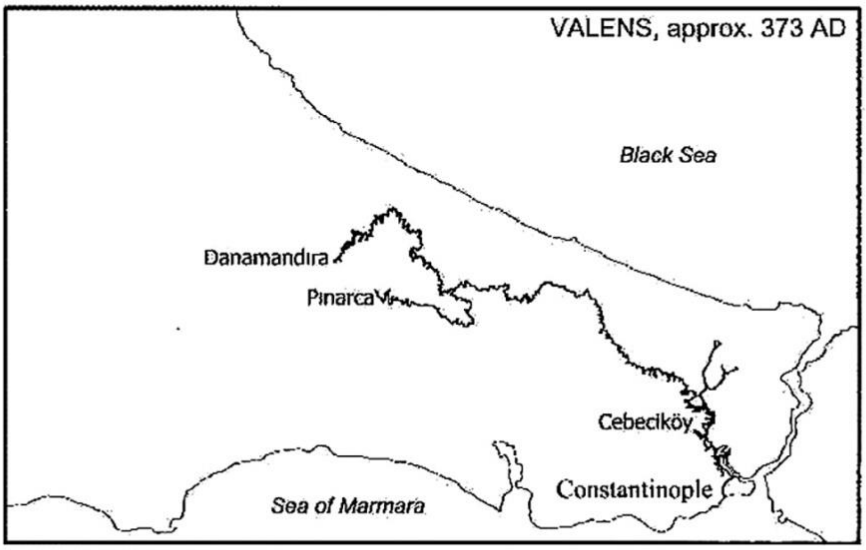
Ancak, [illegible] (129) [illegible]



Harita 7-8 W /•šŒ v o Œ[v P o v]• o Z ššfvf]Œ] Ç v lŒ]}l• P[v š ÀŒ ‹ ZŒ] ~

/•šŒ v o Œ[v P o v µ]• o Z ššfvf v Ì u vU Z vP] ”o šfo fRf À Z vP]]u‰ Œ š}Œo Œ š Œ (fv v š u uo v fRf /X<}v•š vš]vµ• 7•š v µo[µ ”]šo]] o Œo •º•o]lš v •}vŒ 7u‰ Œ š}ŒoµRµvµv ”l vš]]o v šu]”š]ŒX ']šš]l l o oflo ,Ì ŒI vU ” ZŒ •µ P š]Œu l]]v Z]]Œ š ” º•š µoµvu uf /X<}v•š vš]vµ• ” ZŒ }o •µ P š]Œu l]]v ‰o ºw ºÇ]‰”uf”šu]]”•Uo ïïó Çfofv ,o ºlš v •}vŒ U Ç Œ]v P v]u‰ Œ š}Œo Œ š Œ]ou]”š]ŒXU í217)ò/•šŒ v o Œ[v P o v]• o Z ššfvf l •]v }o Ç ‰šfŒfo fRf]o]vu • Z}u of (f]Rikinci(nudKunda] 7šu]‰• Œ Ç}Œ s o v•[]v ” ZŒ dŒ lÇ [v P š]Œ•š]R] (Crow, 2008, 9) •µZo uŒ•š]µ•o Çf Œ XRf]o vµšlµv]• l vš U /X<}v•š vš]vµ•[š v ,v l]]u‰ Œ š}Œo Œfv •]•š u] }lš v ”o ššf Themistius Ì /ŒX<}v•š vš]vµ• ,v u]v]Œ P yaparak; b Z]Œ R Œo] } i o Œ À Z Çl oo Œ]o •º•o v• ºÇº bunlarfv Ç š Œo] }ou . (Crow, 2008, 9) fRf v f Ç o Œ

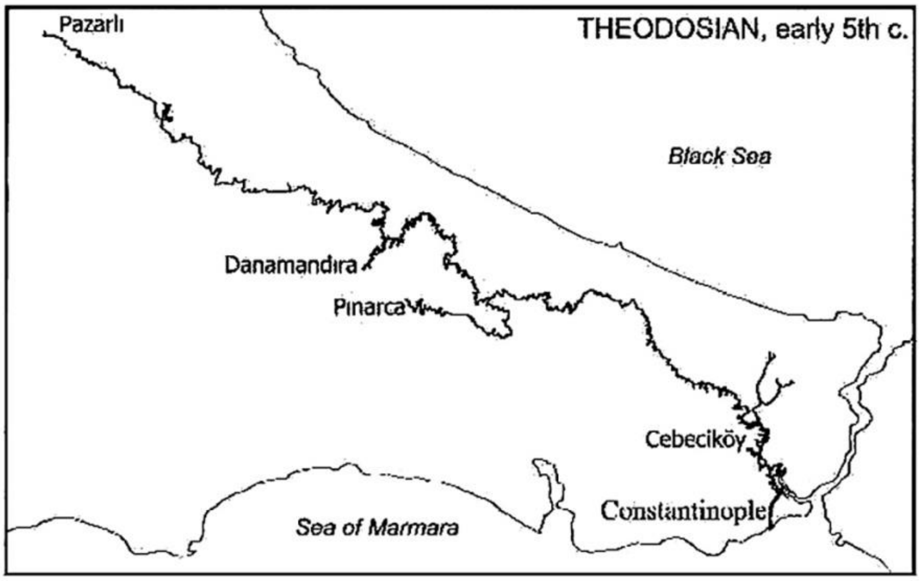
z lo ”fl }o Œ l îñì lu µÌµvoµRµv }o v Z}u ofbuŒn[fv ºšºv µÌµv]• o Z ššfvfv lf•]Œ uº š] Œ]•]v]v”]ou]” }ou • Ì u vfv µ]• o Z ššfvfv]Œ ,oºuº Ç ‰fouf”U }v v •}vŒ l š u uo vuf” }ou •f]Zš]u‐ o] v UÇôšºŒíX•



Harita 9: [illegible]

[illegible] hd 337-361), [illegible] Valens (364-378), [illegible] I.Theodosius (379-395), Arkadius (d 395-[illegible]) [illegible] (2008) [illegible] (Şen, 1996, 207) [illegible] (2018) [illegible] bu unların [illegible] (Crow, 2008, 27) [illegible]

[illegible] (Snyder Dilaver, 2014, 35) [illegible] sudemineden sistem [illegible] Galeri [illegible] hazneden [illegible] arazilerden [illegible] (Snyder Dilaver, 2014, 36)



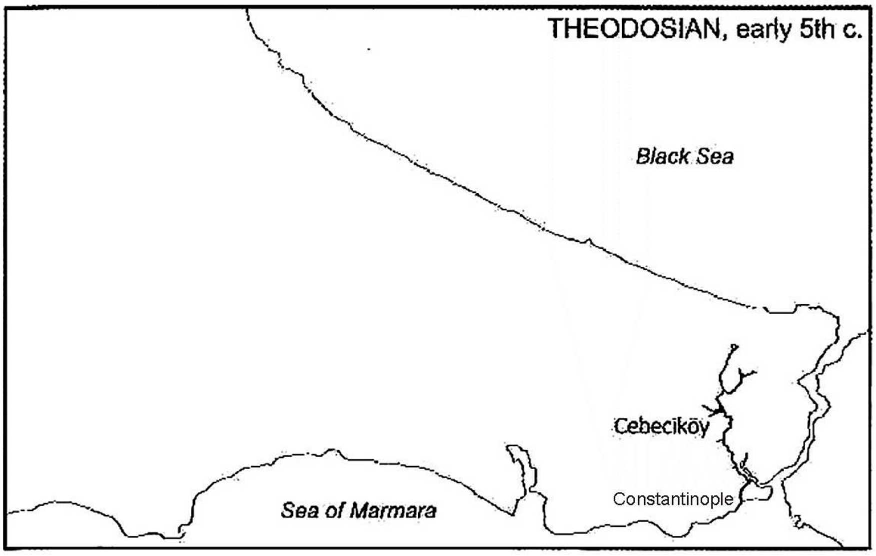
Harita 10:

Fotograf 19

Harita 11: Trakya'dan getirilen suyun anahatları ile sukemerlerinin hatlarını gösteren bir harita.

(Crow, 2008, 18)

1996, 204)



Harita 12W

b u•]v ^ u] À t}o(P t]vP ŒºŒ[o]Œ] šš]R]v P,Œ s o v•[]]• o Z ššfvfv Z ššfv oPŒ KŒu vo Œf[v v P ou]" }ou •f KŒu vo Œf[v v PZošfU ŒŒ]v À]o Œ]U ºÇºlU lº ºl }l • Çf P š]lš v •}vŒ }Ì }R v < u Œ]v]v ošfv l] Z}u Rfšfu lµ Maksemi) gelir. ~ vU í2015)ò d u u v]Œ Z}u Rfšfu lµ •] }o µRµ d ÌP Z fo Œ D l•] uP[o Œ]o ŒU s o v• < u Œ][v]v º•šºv v îñ s o v•[]v Ç ‰šfŒ fRf]• o Z ššfvfv P o Œ]•]v]vU l v] Ç ‰šf P Œ l R] º"ºvºo l }oµŒ• U s o v•[]v Ç ‰šfŒ fRf]• o Z veyahut /•šŒ v o Œ[v P ou]" }ou •fvfv Ì}Œµvu µ(2015) Dalman, vo "fo s o v•[]v lfÌfv]Ì (š v Ç ‰fouf" }o v dZ Œu }v•š vš] v]š]Œ]o]R]v]v À fof" u Œ •]u]v]v Ç ‰fo fRfvfv dl Çfvlo Œ }oo "šfRfv o o š šš]R]v]vU Çí ì2015)šîìòfŒ X

•l] l Çv lo Œ s o v• ÀŒ]v •µ lfšofRfvfv ïóï Çfofv /XdZ } }•]µ• ÀŒ]v ïôî Çfofv •µ lf•fšo u •fv P]]o]R]U Œššf Œ fŒf]o f]R]v P,Œ s o v•[]v Ç ‰šfŒ fRf š •]•]v]v]•]v] µ Zµ•µ• s o v•[]v]• o Z ššfvfv , ol of]À Œfv v P ou]" }ou s o v• oPŒ KŒu vo Œf[v v •µ P š]Œšu]" imleri bu U lµŒ l ,oP v " ZŒ Hí ôv]víìuï l Œ •µ À Œ]ou]" }o Rfv v ïôî Çfo }ou Ç lšfX vU (2015)ò U

7 • o , š,o ºŒ ile ilgili kaynaklar;

Crow, 2008	James Crow, The Water Supply of Byzantine Constantinople, The Society fort he Promotion of Roman Studies, London.
v U í õ õ ò	< Ì f u U v Z } u ^ µ z } o o Œ f U f v 7 • š v h Ì µ o v X µ
Esmer, 1983	Kerim Esmer U d Œ] Z } Ç µ v 7 • š v µ o ^ µ o Œ f À Kanalizasyon Sorunu U 7 • š v µ o X
< } Ì v } R o µ U î ì í	, º o P µ < } Ì v } R o µ U v } o µ [^ µ D v] Ç š o v } o µ [^ µ , Ç µ v Ankara 7 . Ì]
Mango, 1995	Cyril Mango, The Water Supply of Constantinople, Constantinople and its Hinterland, Oxford.
D º o o Wiener, 2002	t } o (P v P Wiener, Œ • š v µ o [µ v d } Œ ‰] Z • Œ o (Ç • f À X m o l Œ ^ Ç f v U z ‰ f < Œ] z Ç f v o Œ f U 7 •
Snyder-Dilaver, 2014	Riley Snyder P Ì P] o À Œ Reconstructing the water-supply system of Constantinople, Article	u Œ î Riley U ^ v Ç Œ l h v] À Œ •] š] • } (} o } P v v] v µ Dilaver/British Institute at Ankara.
Vitruvius, 1990	Vitruvius, The Ten Books On Architecture U b À l] s v o f D] u Œ o s l (f z Ç - f z v o u Œ f Ç f v U À X Œ X ^ µ v ' º À v U 7 • š

http://www.shca.ed.ac.uk/

http://www.romanaqueducts.info/

IV.

A. Mazul Kemer
B. Valens Sukemeri
C. Kara Kemer
D. — ” — • - Ž — •   ‡ • ‡ ”

B. Valens Sukemeri

7•š v µo[”]Z•Œ]v]µoŒµv v s o v• ~emeri,} R Z vŒ]^µl v •l] •µ tesisidir. Genellikle Valens Suku Œ][v]v Z}u 7u‰ Œ hdš 364-ï óô s• oš vŒ (fv v ïòô Çfofv Ç ‰šfŒfo fRvfUlíõ µ o U ñ]o]ŒµX l u Œ]v , Œ] vµ• š Œ Ç ‰šfŒfoufӯ }o µRµ À 7u‰ Œ š}Œ s o v• š Œ (fv v Œ •š}Œ bilinmektedir. (Kazhdan, 1991, 145) , Œ] vµ•[µv <}v•š vš]v}‰}o]•[š Ç ‰šfŒ lZ]oo µ• , u uf À /µ•š]v] vµ• š Œ (fv silica Çe ilgili bir dizi resmi]•š Œv] u š]vo Œ P š]R] (Mango, 1995, 10) µ•šoµŒ }l}‰]}•[µv vo šfufv P,Œ Z[<Z ol }vÇ v7 •šfŒ flš v<Z•}vŒ}v–µv •µŒ š ”o Œfvf lµ <}v•š vš]v}‰}o]•–š PºvºuºÌ ž ïfÇ }w µ]Œ]•u µl]u Œ] Ç ‰šfŒ[ ]Ì v•of š Œ]Z Ç Ì Œf ' Œ}ŒP]Z[•µ<u ŒŒ}v}ïòô–P,Œ šU uo vuf”šf[(Freely-lu lU îìîì, 5)

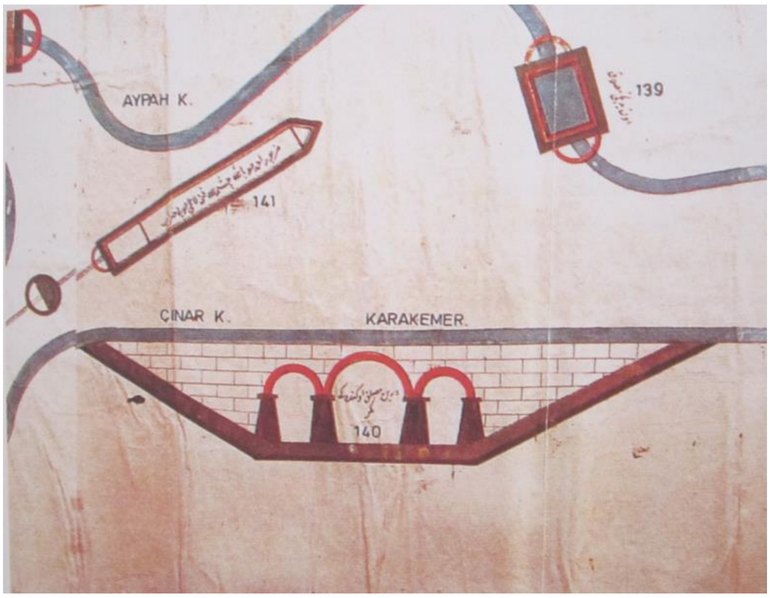
Fotogr (îïW s o v• ^µl u Œ]‰ Z]v•]lµÌ Ç]Œ P,ŒºvºuX

Bu sukemeri muhtelif zamanlarda hasa Œ P,Œu •]v Œ Ru vU Z u]Ì v• 7u‰ Z u K•u µoš ^vo Œ (fvš v š u]Œ]oµ]”}vÀ µvíõlX zŒ lµoo vfoufŸ (Freely-lu lU îììñU /ïï/µ•š]v}• , hdsóõ-ñóô• ºÇºl }o •foflo ‰Œ u v Ì Œ Œ P,Œuº” •µl u Œ] ñóò-D Ç]v (Crowfoot, 1977, 278) Œ flò fVŒX v •}v Çfoo Œfv sul u Œ]v šŒ (fv l] R À Z o Œ]v •µo u kaynaklardan Œ fu f P u lš }Œ X v U íõ ð, 16 îôY gezginlerinden Petrus Gyllius 7•š v µo[µ • Ç Z š •fŒ •fv Z[l vš]v ,oP o Œ]v]v •l] š •À]Œo Œ]v s o v•[]v š ^µl u Œ]v]v P,•š Œ]ou u •]v Z Ç Œ (Gyllius, 1997, 164)}Ç]o[o]µ•Œ µ]Xv µ •,Ço u]v v Ç}o fl Œ l •µl u Œ]v]v]Ì v•[fv •}v Çfoo Œfv (uºulºv ºŒX

C. Kara Kemer

]l,Ç[ºv íXóñ lu l Œ šf•fv U]l,Ç Œ •][v]v P
ºÌ Œ]v µoµv v < Œ < u Œ[]v ï P,Ìoº]Œ Z}u l u Œ] } oµR
š}‰Œ lo }o µRµ vo ”fvu lš (ó5)íUìXŒ < u Œ òíXîì u µÌµvoµR
l u Œ flofRf ðXîì~ µvuš Œ î]ìŒ X6 Xì•zÇ[š u]Œ]o Œ l ^ºo Ç
•µÇ}oµvµv fv Œ l}oµ µ l u Œ]v ºÌ Œ]v v P]Œ]ou]"š]ŒX ^
Z[Œ]v u •o l ,vºv l] l u Œ[i]Ç R (Akbeş-Tokmak, 2009, 16) < u Œ Z o v š "
} lo Œfvfv Œšflo Œf ošfv vU (Çeçen, 1991, 59) uµ"šµŒX

&}š}PŒ (îñW m P,Ìoº }o µRµ]o]v v < Œ < u Œ[]v ,v ‰Z •]v



Harita 13: < Œ < u Œ[]v íô Ç]Ì[o v ^ºo Çµu Çv}oµ Z Œ]š •fv l]]Ì]u]X

D. —”—•-Ž—• ‡•‡”

µ l u Œ µPºv u À µš R]o]ŒX •l] K•u vof ^µÇ}oµ Z Œ
Ço]l•µÇµ Z Œ]š •fv] }Ì](šo]l ~d ”ofš Œo • Ç lfvfv <,Zv
]Œ l u Œ]Ì]ou]”Ç ñŒX f•'f,ÌÇvfM }o Œ l P,•š Œ]ou]”š]ŒX µ l u Œ
Ç ‰fouf” }ou •f]Zš]‡ o]vUºÇõkšºuŒ]Œ]v ºÌ Œ]v Z[^µošfv D Zu
<]u , ÌŒ šo Œ]v]v dµŒµv oµl <~u,vŒ]U]Œì[U }Ç• Ç Ìfof fŒX

Harita 14: dµŒµv oµl < u Œ][v]v íóðô š Œ]Zo] •µÇ}oµ Z Œ]š •fv

V.

.

A. o • – ò - Ç • ƒ ” • Ç - Ž ƒ ”

a. ‡ – ‹ ‘ • ƒ ” • Ç … Ç

b. • ’ ƒ ” ƒ ” • Ç … Ç

c. ‘ • ‹ ‘ • ƒ ” • Ç … Ç

d. ‡ „ † ‘ • ‘ • ƒ ” • Ç … Ç

B. o • – ò ƒ ’ ƒ Ž Ç ƒ ” • Ç - Ž ƒ ”

a. ƒ œ ‹ Ž ‹ • ƒ ƒ ” • Ç … Ç

b. Š ‹ Ž ‘ • • ‡ • — • ƒ ” • Ç … Ç

c. ƒ • – ‘ • ” ƒ – ‘ ” ƒ ” • Ç … Ç

d. Š ‡ ‘ † ‘ • ‹ — • ƒ ” • Ç … Ç

b.

Mahallesi Yavuz Sultan Selim ...

bir tarihe, 459 ...

1967, 17) 152x152 m ...

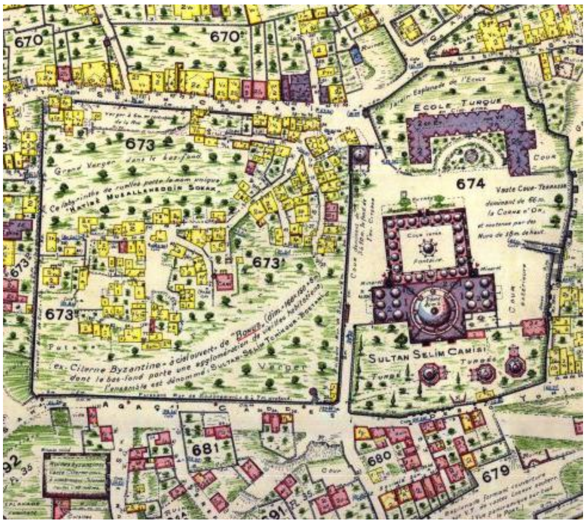
(Müller-Wiener, 2002, 279) ...

Fotograf 28: ... Selim Camii ...

... zaman ...

... (Eyice, 1994, 357) ...

Fotograf 29: ...



Harita í ñ W í õ î õ š Œ] Z o]] Œ Z Œ] š À í õ ò ò Ç f o f µ Ç µ P , Œ º v š º • º v v •

c. ' • ‹ ' • ƒ " • Ç … Ç

7 u %ator I.Anastasius (d 491- ñ í ô • š Œ (f v v Ç ‰ š f Œ f o u f " š f Œ X 7 • š
• Œ v f o Œ f v v } ob vZ Œµ u ,]Œ] W } R o µ o] W •"]]À Œ f v Ç Œ o u I š
^ Œ v f] • u v] vÇ } R º µ • µ v] v "] rtodöks Hagios Mokios kilisesinden
o u f " š-fz Œ X o U í õ ò ó µ • í ô Œ v f o š f u Œ u Œ ^ Œ v f ~ f Œ} š µ R Œ µ o U í õ ò õ]µ v]
170x147 u , o º o Œ] v dikd } Œ µ š ‰ v ‰ o v • Œ Z] v ‰] š R Œ X µ À Œ l o f v o f R f] •
dir. T " o } l o Œ v] v "] o v µ daÀ] Œ o l Œ f v } Œ š P Œ z º v š o U] Œ X
1967, 18) ^ Œ v f U z] l µ o À À Œ •] v • µ À Œ u l o] Œ o] l š • µ Ç µ
(Eršµ R Œ µ o U í õ ô]Ì U v • í ñ • , v u] v l µ Œ µ Ç v À , v u] v] bostanı Œ v µ
, v º " š º Œ º o u º " š º Œ X] Ì v • • } v Œ • f , v u (Eyice," 1994d, 482) µ o o v f o
í õ ó ì [o] Ç f o o Œ f v " o Œ f v v] š] Œ v (µ š } o • Z} v Œ } o f v Œ l l µ o
] •]] v Ç ‰ f o v º l l v o Œ] o] Œ Z o X ‰ Œ š Œ f Œ Z o o] v í õ ô ò U š
' º v º u º Ì] • • ‰ } Œ š •] • o Œ] À ‰ Œ l } o Œ l Z] Ì u š À Œ u l š] Œ

Fotograf 30W ' º v º u º Ì D } l] } • ^ Œ v f f v v] Œ P , Œ º v º u X

o•–ò -Ç• ƒ”•Ç-Žƒ” „ÚŽò•ò ‹Ž‡ ‹Ž‰‹Ž‹ •ƒ›•ƒ•Žƒ”â

Akan, 2006 Murat Akan, Zµ Zµvµ Œ Ç v b Z]Œ•š7•vš µvoµ]X o vU íõõò < Ìfu UvZ}u ^µ z}oo ŒfU fv7•š vh ÌµoXµ

Ergil, 1968 dºo Ç ZŒ[P]o UufU lfŒl,Ç[l] ºÇºl fl]Ì v• dºŒl Œl }o}i] ŒP]•]U íóX ^ ÇfU vl Œ X

ŒšµRŒµoU íõôõPÌl v ŒšµRŒµoU Z[µv]Ì v• ÀŒ] 7•š D]µoŒ]• mv]À Œ•]š •] }lš}Œ d Ì]U 7•š v µoX

Eyice, 1989 Semavi Eyice, Z[7•š v µo[µv]Ì v• Sanat Tarihi o Œ][[U Œ ”šfŒu o Œf ŒP]•]U 7•š v µoX

Eyice, 1994b Semavi Eyice, Z[š]}• ^ Œvvf f[v[U µPºv 7•š v µo v•]lo}‰]•]U]oš /U 7•š v µoX

Eyice, 1994c Semavi Eyice, Z[•‰ Œ ^ Œwf vf[[UµPºv 7•š v µo v•]lo}‰]•]U]oš /U 7•š v µoX

Eyice, 1994d Semavi Eyice, Z[D}l]}• ^ Œvf f[v[U µPºv 7•š v µo Ansikl}‰]•]U]oš sU 7•š v µoX

Eyice, 1994e Semavi Eyice, Z[&]o uf ^ Œwf vf[[UµPºv 7•š v µo v•]lo}‰]•]U]oš ///U 7•š v µoX

Koder, 1995 Johannes Koder, Z[&Œ •Z s P š o • (}Œ, šZ Constantinople and its Hinterland, ed., Oxford.

Magdalino, 1996 Paul Magdalino, Constantinople medievale, Etudes sur l'evolution des structures urbaines, Travaux et Memoires, Monographies, Paris.

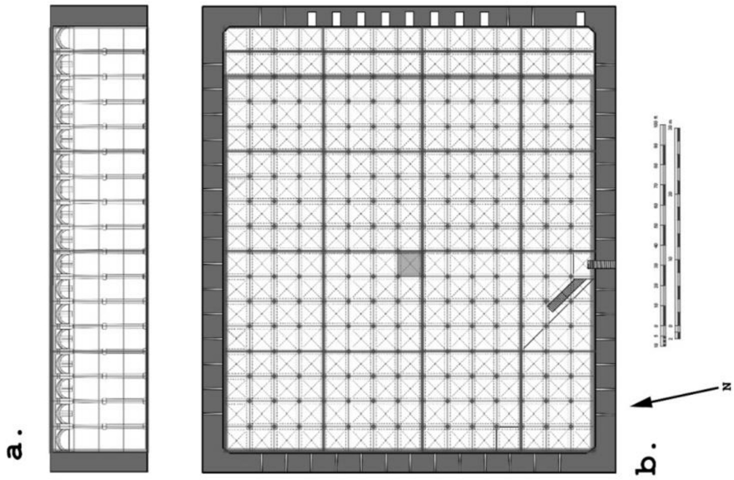
DºooWiener, 2002 t}o(P vP DWiener, Œ•š v µo[µv d Œ]Z• ǫ d}‰}PŒ À X molŒ ^ ÇfzUÇfv‰fŒ<fŒ 7]š v µoX

Rautman, 2006 Marcus Rautman, Z[}v•š vš]v}‰o t ,Daily Life ‰‰oÇ[[the Byzantine Empire, West Port Connecticut, London.

zº oU íõòó Œ u zºZ[oU 7•š v µo[ ]Ì v•, Arkitekt Dergisi, Œf[[7•š v µoX

http://www.envanter.gov.tr/

http://wowturkey.com/



c. Pantokrator

(Eyice, 1994h, 218) ... -602) ... praefectus ...

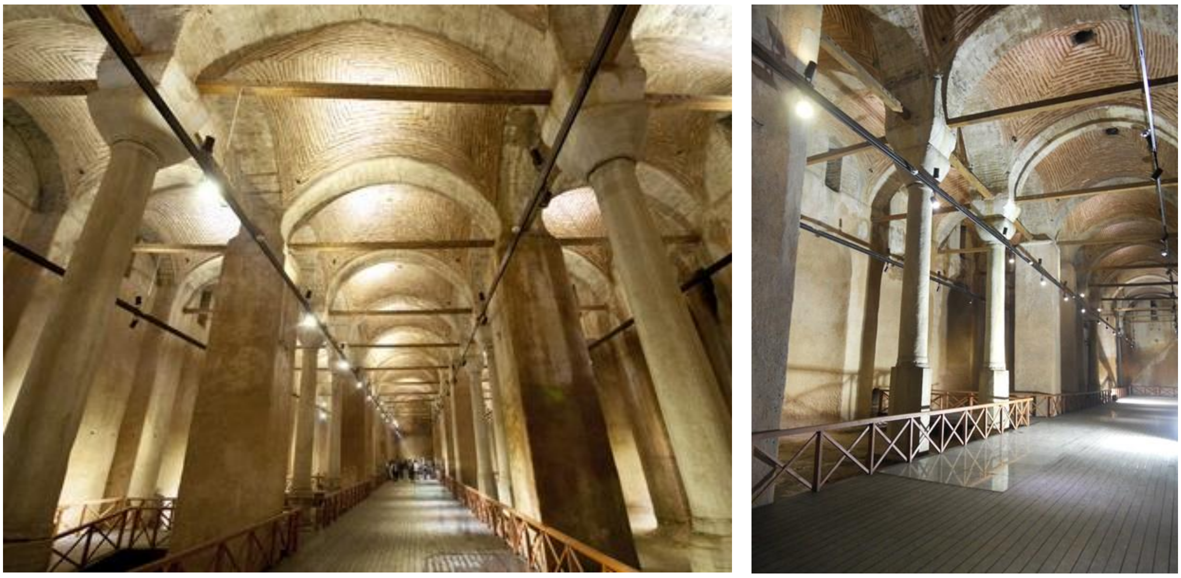
tarihlenmektedir. ...

... (Eyice, 1994h, 218) ...

Fotograf 39

349) [illegible] (Eyice, 1994h, 218) [illegible]

[illegible] (Eyice, 1994h, 218) [illegible]

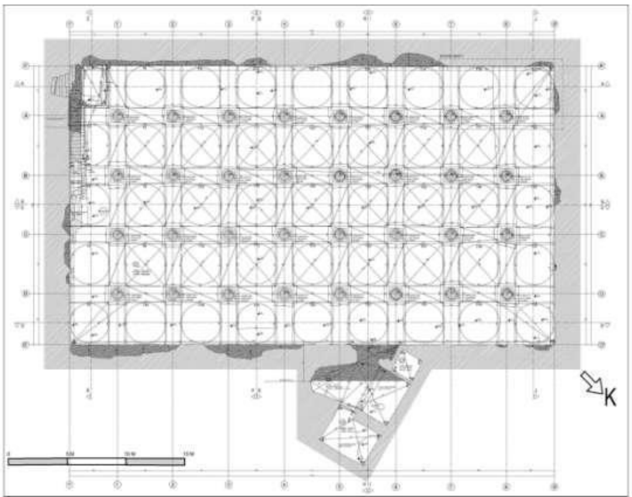


Fotograf 40-41 [illegible]

[illegible]

[illegible] (Eyice, 1994h, 218) [illegible]

Fotograf 42-43: d Z } }•]µ• ^ Œvf f[vfv]]v v]Œ P‚Œºvºu X



]Ì]u õW dZ ^} ŒÇµ•f[u]v ‰o vf X

]Ì]u ñW dZ } }•]µ• ^ Œvf f]]v]‰ l]"o Ç v µ•š o Œf P‚•š Œ v